

B² 5. (Amended) An injection molding apparatus as defined in claim 25, wherein the screw extruder has an extrusion screw not moving in the axial direction, and an injection plunger moving in the horizontal direction is disposed in the second channel.

B³ 7. (Amended) An injection molding apparatus as defined in claim 25, wherein the extrusion screw comprises a central shaft rotatably inserted in the chamber and a plurality of screw segments fitted over the outer circumference of the central shaft and arranged in the axial direction.

B⁴ 10. (Amended) An injection molding apparatus as defined in claim 25, further comprising:
a static mixer disposed in the nozzle for mixing the semi-solidified slurry passing through the nozzle.

B⁵ 17. (Amended) An injection molding apparatus as defined in claim 25, wherein a slitwise channel is disposed in the nozzle for causing a shearing flow to the semi-solidified slurry passing through the nozzle.

B⁶ 21. (Amended) An injection molding apparatus as defined in claim 25, wherein the chamber comprises a heating unit for heating the material at the inside.

22. (Amended) A method of injection molding a light metal alloy comprising the following steps of:

cooling a molten metal under shearing by an extrusion screw and thereby forming the same into a semi-solidified slurry in a chamber of a light metal alloy injection molding apparatus as defined in claim 25;

discharging the semi-solidified slurry from a discharge port at the lower end of the chamber;